RADIATION SAFETY/HEALTH PHYSICS TECHNICIAN
Full-time, occasional overtime
This position is covered by a Collective Bargaining Agreement

Stanford University’s Radiation Safety program, managed by the Health Physics (HP) group in the Department of Environmental Health and Safety, facilitates the safe use of ionizing radiation and radiation producing devices to protect its users and the public. These radio-chemicals and devices are used in research and clinical settings, such as when conducting research in a laboratory or providing treatment to patients.

The successful candidate will work under general supervision to administer and implement technical and operational functions of radiation safety programs to meet safety requirements and provide a wide variety of health physics support duties both electrical and mechanical in nature to protect against radiation exposure. He or she will perform program duties focused on routine radiation surveys in research and medical facilities, material use inspections, data gathering, establishment of control measures, patient room preparation for contamination control and decontamination of the same rooms after use, and ensuring compliance with federal, state and local regulations.

All EH&S staff are required to comply with governmental regulations and University and departmental policies and procedures regarding health and safety, and must observe and support good health and safety practices. Additionally, all staff are required to provide EH&S support as assigned during emergencies. Other duties may be assigned by the supervisor, the University Radiation Safety Officer, or by EH&S management.

CHARACTERISTIC DUTIES include, but are not limited to the following activities to ensure compliance with federal, state, and local regulations and Stanford policies:

- Conduct and evaluate radiological surveys involving ionizing radiation and radioactive contamination in research/medical facilities by using a wide range of radiation detection instruments.
- Assist Health Physicists in calibrating radiation detecting equipment.
- Perform trouble-shooting and minor electrical and mechanical repairs on radiation detection equipment.
- Process shipments of radioactive material into and out of the University
- Using work experience and technical knowledge, contribute to the development of survey procedures and document surveys.
- Perform periodic safety and instrumentation inspections.
- Interact with and provide guidance and support to research and clinical personnel to help facilitate radiological safety in the field, such as area dosimetry and activities specific to radiation and radioactive material use.
- Respond to unusual radiological conditions and emergencies. Work with emergency response personnel in situations involving radiation and radiological materials.
REQUIRED QUALIFICATIONS:

Minimum Education and Experience
Associate’s degree in Radiation Protection or General Science, with at least two years of related practical work experience, or a combination of equivalent education and experience.

Technical Knowledge and Experience: The chosen candidate must be able to successfully demonstrate the following:

- Successful experience using basic radiation detection instruments (e.g., dose rate meter, NaI detector), and a solid working knowledge of specialized radiation detection devices used in radiation safety activities, including trouble-shooting, calibration, maintenance, and basic electromechanical repairs.
- Experience performing radiation inspections
- Basic knowledge of radiation protection regulations at federal, state, and local levels with willingness to learn more deeply.
- Experience with radiation safety programs, including patient room preparation and decontamination.
- Ability to follow protocols and policies and apply technical and regulatory information to complete work assignments and to solve problems

Other Required Knowledge, Skills, and Abilities: The chosen candidate must be able to successfully demonstrate the following:

- Understanding of and willingness to comply with Stanford work safety procedures
- Excellent written and verbal communication skills with ability to comprehend and explain the applicable federal, state and local regulations and Stanford policies clearly and concisely to a diverse audience including faculty, staff, students, researchers and clinicians, regulators, and other members of the Stanford community
- Demonstrated experience providing excellent customer support in a respectful, supportive and service-oriented manner.
- Ability to use basic computer applications such as MS Word, Excel, and Outlook for PCs
- Ability to work in a team environment, as well as independently with general supervision.
- Excellent organizational skills, as demonstrated by the ability to manage competing priorities efficiently and to work well under pressure in a fast-paced, multi-tasking environment. Ability to tolerate ambiguity with patience and good will.
- Excellent attention to detail and thoroughness in accomplishing assigned tasks; pride in performing the job correctly and completely
- Strong self-motivation; proactive, high-energy, enthusiastic, “can do” work ethic; ability to handle potentially stressful situations
- Ability to record operational data, generate reports, update and maintain documents and database files with exceptional accuracy and in a timely manner
- Ability and willingness to respond to campus emergencies as required.
• Possession of, or willingness to obtain, a valid non-commercial California Driver’s license
• Ability and willingness to drive vehicles in accordance with the Stanford University regulations and the California Vehicle Code; ability to drive safety in day or night conditions

**Physical Requirements**
• Frequently; stand/walk, lift carry/push/pull objects that weigh up to 10 pounds, grasp lightly/fine manipulation, scrub/sweep/mop
• Frequently; sitting, perform desk-based computer tasks, use a telephone, write by hand, sort/file paperwork
• Occasionally; twist/bend/stoop/squat, reach/work above shoulders, operate hand controls
• Rarely; lift/carry/push/pull objects that weigh 11-40 pounds or more, kneel/crawl/climb, grasp forcefully
• Able to wear a respirator and perform duties while wearing.
• Auditory acuity to hear clicks and buzzers for detection equipment.

**Work Standards:**
• Interpersonal Skills: Demonstrates the ability to work well with Stanford colleagues and clients and with external organizations.
• Promote Culture of Safety: Demonstrates commitment to personal responsibility and value for safety; communicates safety concerns; uses and promotes safe behaviors based on training and lessons learned.
• Subject to and expected to comply with all applicable University policies and procedures, including but not limited to the personnel policies and other policies found in the University’s Administrative Guide, [http://adminguide.stanford.edu](http://adminguide.stanford.edu).

**To apply for this position:**
• Go to [http://stanfordcareers.stanford.edu/](http://stanfordcareers.stanford.edu/)
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• Click the button “Apply Online”

*Only applications submitted through the Stanford jobs site will be considered.*

*Stanford is an equal opportunity employer and all qualified applicants will receive consideration without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, veteran status, or any other characteristic protected by law.*